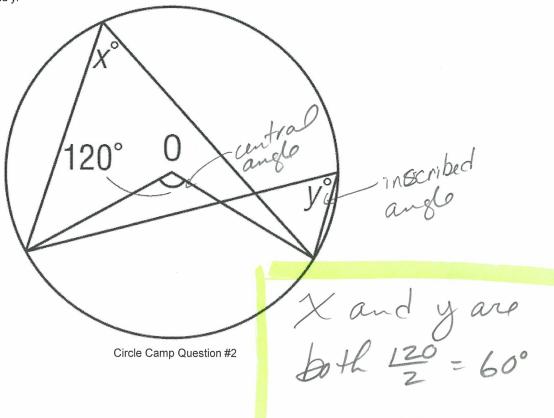
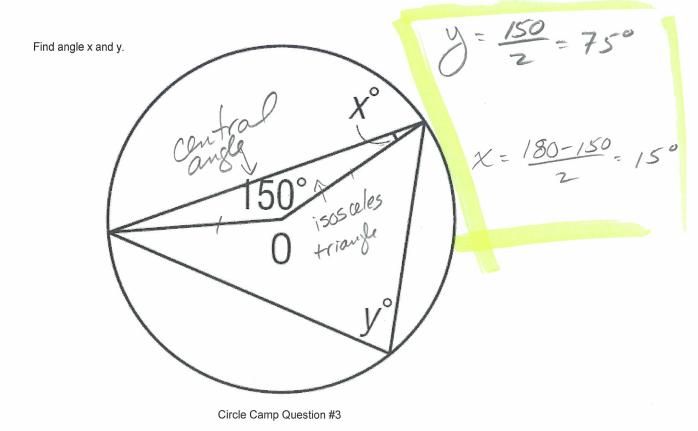
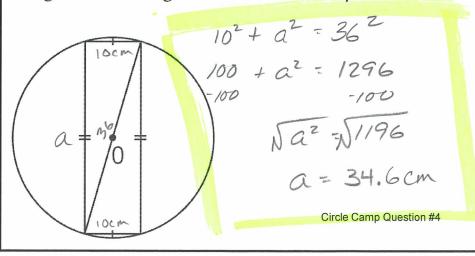


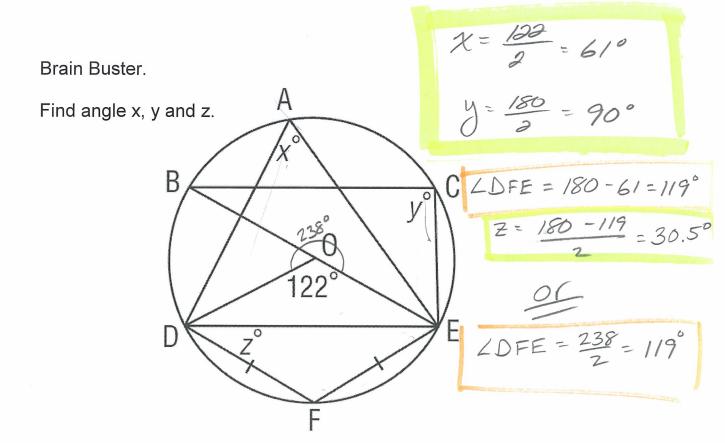
Circle Camp Question #1





A rectangle is inscribed in a circle, centre O and diameter 36.0 cm. A shorter side of the rectangle is 10.0 cm long. What is the length of a longer side? How do you know?



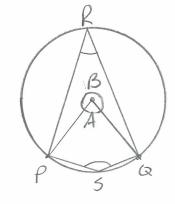


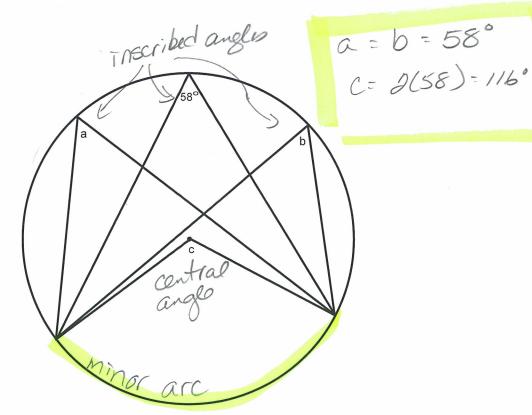
a) Construct a circle and mark points P and Q to form major and minor arcs PQ.

Circle Camp Question #5

- b) Construct inscribed ∠PRQ subtended by minor arc PQ.
- c) Construct inscribed ∠PSQ subtended by major arc PQ.
- d) How are ∠PRQ and ∠PSQ related? Justify your answer.

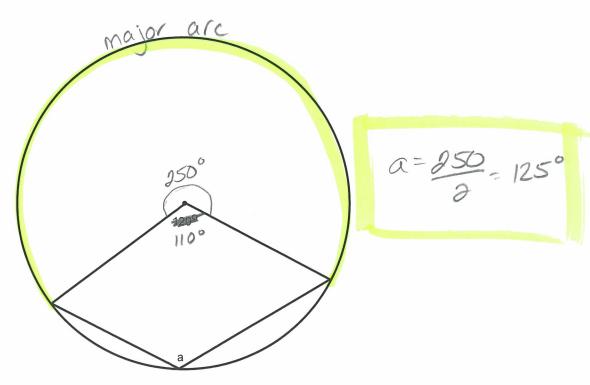
LPSQ + LPRQ = 180°



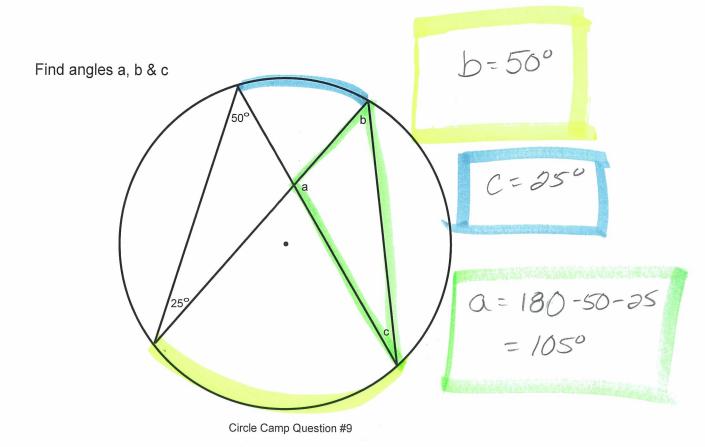


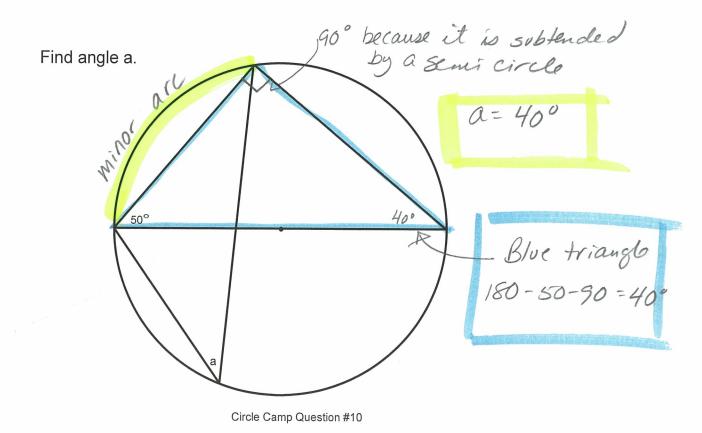
Circle Camp Question #7

Find angle a.

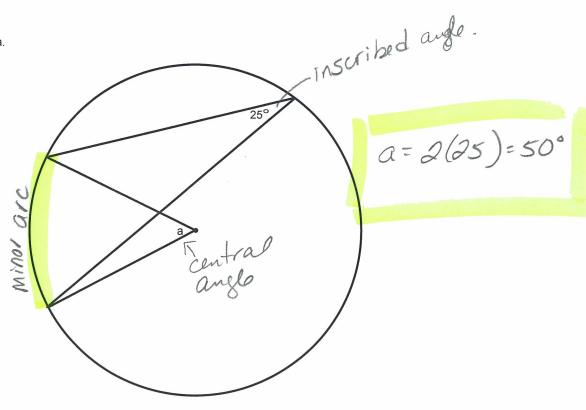


Circle Camp Question #8



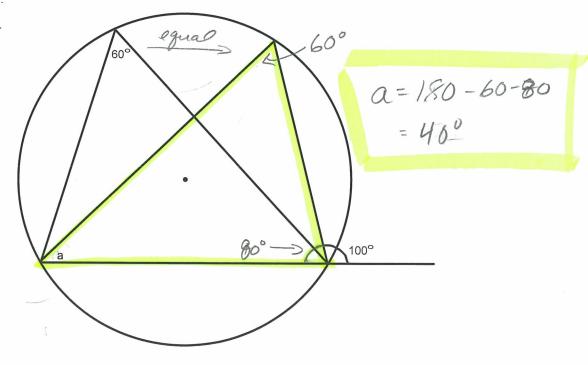


Find angle a.



Brain Buster.

Find angle a.



Circle Camp Question #12

Circle Camp Question #11